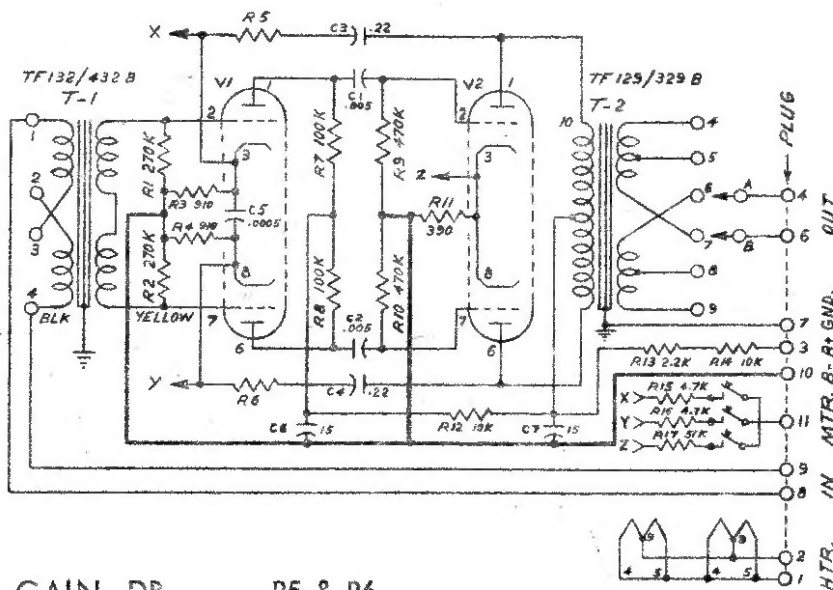


Langevin

A DIVISION OF SONOTEC INCORPORATED
503 SOUTH GRAND AVE. - SANTA ANA, CALIF.

AM5116D
PLUG-IN AMPLIFIER

SPECIFICATIONS AND DATA



GAIN, DB R5 & R6

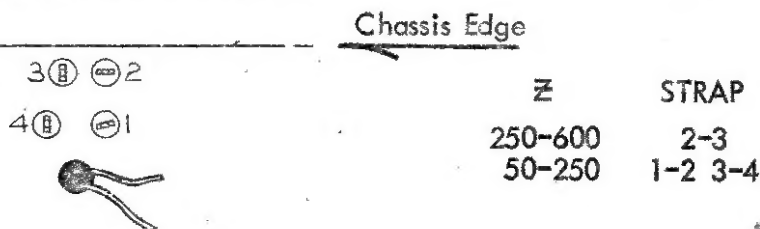
46
40 (STD)
35
30

150K
100K
39K
22K

V1: ECC83/12AX7
V2: 12BH7

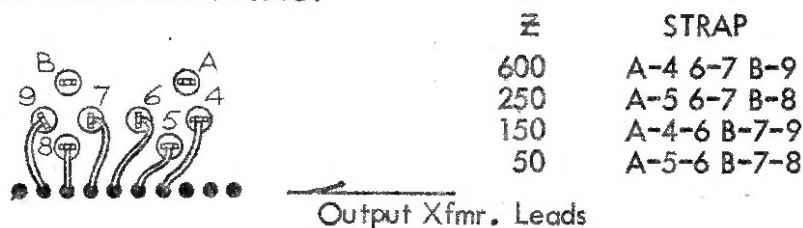
WHEN MEASURING GAIN BY INSERTION
METHOD, ADD 6 DB TO ABOVE FIGURES.

INPUT Z STRAPPING:



VIEW OF BOARD WITH AMPLIFIER HANDLE TO RIGHT

OUTPUT Z STRAPPING:



GAIN: Standard Unit
User can modify between limits of 46 and 30 db. See schematic at left. Note: When modified to 46 db, distortion will be slightly higher. Figures are for power gain. Add 6 db for "insertion" gain per NAB spec.

RESPONSE: ± 0.5 db 20 cps to 20 Kc

INPUT IMPEDANCE: 300 ohms or 600 ohms. See strapping data at left.

OUTPUT IMPEDANCE: 600, 250, 150, 50 ohms. See strapping data at left.

OUTPUT POWER: +13 dbm Short R-14 with strap +24 dbm

DISTORTION: Total harmonic generation: Less than 0.2% @ 1 Kc, 0.5% @ 50 cps or 15 Kc, 1.0% @ 20 cps at rated power into load.

NOISE: Less than -120 equivalent input

TUBES: 1 - 12AX7/B-10, 5751 or 7035; 1 - 12BH7

POWER REQUIREMENTS: 12 ma at 300 v or 25 ma when strapped for +24 dbm output; 0.9 at 6.3 v

ACCESSORY ITEMS: Model TRY5016 Mounting Tray. Model MF5010 Mounting Frame. Model FP5030 Front Panel. Model MTR506 Tube Check Meter. See Langevin catalogue for detailed information.

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